

B2 --Figure 2 is an illustration of comparative amino acid sequence homology between a portion of TGF alpha (top line) and a portion of human TGF alpha-HIII (bottom line; amino acids 126 to 177 of SEQ ID NO:2). Darkened amino acids denote the conserved EGF motif domain which is shown to be conserved in the polypeptide of the present invention. By examining the regions of amino acids shaded and/or boxed, the skilled artisan can readily identify conserved domains between the two polypeptides. These conserved domains are preferred embodiments of the present invention.--

Please replace the paragraph bridging pages 10-11 with the following paragraph:

B3 --The full-length polypeptide of the present invention as set forth in Figure 1 (SEQ ID NO:2) has a putative signal sequence which comprises amino acid 1 through amino acid 25 of Figure 1 (amino acid -25 through amino acid -1 of SEQ ID NO:2) which aids in secretion of the polypeptide from the cell. One embodiment is a polypeptide comprising amino acid 1 to amino acid 204 of SEQ ID NO:2. Amino acid 126 through amino acid 177 of SEQ ID NO:2 represent the active site of the protein of the present invention. Further, amino acid 178 through amino acid 204 represents a putative transmembrane portion which is thought to be necessary to direct the polypeptide to particular target locations for the carrying out of biological functions as hereinafter described. The transmembrane portion may also be cleaved from the polypeptide such that the putative soluble portion of the polypeptide of the present invention comprises amino acid 1 through amino acid 177 of SEQ ID NO:2. The protein exhibits the highest degree of homology to TGF alpha.--

Please replace the paragraph at page 11, lines 4-19, with the following paragraph:

B4 --In accordance with another aspect of the present invention there are provided isolated polynucleotides encoding a mature polypeptide expressed by the DNA contained in ATCC Deposit No. 97342, deposited with the American Type Culture Collection (ATCC), 10801 University Boulevard, Manassas, Virginia 20110-2209, on November 20, 1995. The deposited material is a bluescript plasmid (Stratagene, La Jolla, CA) that contains the full-length TGF alpha HIII cDNA. The deposit has been made under the terms of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for purposes of Patent Procedure. The strain will be irrevocably and without restriction or condition released to the public upon the issuance of a patent. These deposits are provided